

Substitute for form PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Sheet	2	of	7	Attorney Docket Number	P43312
-------	---	----	---	------------------------	--------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear//No. on IDS List
	BF	US-4,962,531	10/09/1990	Sipman et al.	112
	BG	US-4,977,595	12/11/1990	Ohta et al.	116
	BH	US-4,985,921	01/15/1991	Schwartz	104
	BI	US-5,003,594	03/26/1991	Shinagawa	129
	BJ	US-5,014,311	05/07/1991	Schrenk	120
	BK	US-5,016,277	05/14/1991	Hamilton	127
	BL	US-5,053,607	10/01/1991	Carlson et al.	136
	BM	US-5,081,680	01/14/1992	Bennett	113
	BN	US-5,091,968	02/25/1992	Higgins et al.	24
	BO	US-5,122,950	06/16/1992	Benton et al.	25
	BP	US-5,123,047	06/16/1992	Rosenow	107
5,159,548	BQ	US-5,144,115	09/01/1992	Caslavka	26 10/27/1992
	BR	US-5,159,548	10/27/1992	Caslavka	27
	BS	US-5,163,098	11/10/1992	Dahbura	86
	BT	US-5,173,594	12/22/1992	McClure	28
Change(s) applied	BU	US-5,175,682	12/29/1992	Higashiyama et al.	29
to document	BV	US-5,175,766	12/29/1992	Hamilton	110
/E.M.S./	BW	US-5,185,798	02/09/1993	Hamada et al.	93
6/29/2011	BX	US-5,187,750	02/16/1993	Behera	30
	BY	US-5,195,133	03/16/1993	Kapp et al.	88
	BZ	US-5,200,993	04/06/1993	Wheeler	134
	CA	US-5,204,811	04/20/1993	Bednar et al.	31
	CB	US-5,214,697	05/25/1993	Saito	99
	CC	US-5,220,501	06/15/1993	Lawlor et al.	32
	CD	US-5,233,656	08/03/1993	Landgrand et al.	132
	CE	US-5,237,158	08/17/1993	Kern et al.	33
	CF	US-5,241,600	08/31/1993	Hillis	117
	CG	US-5,256,863	10/26/1993	Ferguson	125
	CH	US-5,259,025	11/02/1993	Monroe et al.	109
	CI	US-5,274,567	12/28/1993	Kallin	34
Examiner Signature	/Richard Weisberger/		Date Considered	07/13/2009	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.W./

Substitute for form PTO-1449

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***(Use as many sheets as necessary)*

Complete if Known

Application Number	09/454,492
Filing Date	December 6, 1999
First Named Inventor	Claudio R. Ballard
Art Unit	3693
Examiner Name	Richard C. WEISBERGER
Attorney Docket Number	P43312

Sheet 3 of 7

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear//No. on IDS List
	CJ	US-5,283,829	02/01/1994	Anderson	35
	CK	US-5,317,637	05/31/1994	Pichlmaier et al.	118
	CL	US-5,321,238	06/14/1994	Kamata et al.	36
	CM	US-5,321,751	06/14/1994	Ray et al.	37
	CN	US-5,326,959	07/05/1994	Perazza	59
	CO	US-5,337,358	08/09/1994	Axelrod et al.	105
	CP	US-5,341,428	08/23/1994	Schatz	106
	CQ	US-5,343,529	08/30/1994	Goldfine et al.	97
	CR	US-5,345,090	09/06/1994	Hludzinski	38
	CS	US-5,396,558	03/07/1995	Ishiguro et al.	83
	CT	US-5,408,531	04/18/1995	Nakajima	108
	CU	US-5,434,928	07/18/1995	Wagner et al.	39
	CV	US-5,436,970	07/25/1995	Ray et al.	40
	CW	US-5,440,634	08/08/1995	Jones et al.	111
	CX	US-5,444,794	08/22/1995	Uhland, Sr.	41
	CY	US-5,446,796	08/29/1995	Ishiguro et al.	98
	CZ	US-5,454,575	10/03/1995	Del Buono	133
	DA	US-5,457,747	10/10/1995	Drexler et al.	5
	DB	US-5,484,988	01/16/1996	Hills et al.	60
	DC	US-5,479,510	12/26/1995	Olsen et al.	42
	DD	US-5,502,765	03/26/1996	Ishiguro et al.	91
	DE	US-5,506,691	04/09/1996	Bednar	43
	DF	US-5,524,073	06/04/1996	Stambler	94
	DG	US-5,539,822	07/23/1996	Lett	123
	DH	US-5,539,825	07/23/1996	Akiyama et al.	79
	DI	US-5,544,043	08/06/1996	Miki	44
	DJ	US-5,544,255	08/06/1996	Smithies et al.	100
	DK	US-5,557,518	09/17/1996	Rosen	102
	DL	US-5,559,038	12/31/1996	Pitroda	45
	DM	US-5,577,121	11/19/1996	Davis et al.	126
Examiner Signature	Richard Weisberger/			Date Considered	07/13/2009

Change(s) applied
to document
/E.M.S./
6/29/2011

5,590,038

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.W./



Substitute for form PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Sheet	1	of	7	Attorney Docket Number	P43312
-------	---	----	---	------------------------	--------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear//No. on IDS List
	AA	US-4,201,978	05/06/1980	Nally	6
	AB	US-4,264,808	04/28/1981	Owens et al.	7
	AC	US-4,268,715	05/19/1981	Atalla	131
	AD	US-4,326,258	04/20/1982	de la Guardia	8
	AE	US-4,417,136	11/22/1983	Rushby et al.	9
	AF	US-4,457,015	06/26/1984	Nally et al.	10
	AG	US-4,500,750	02/19/1985	Erlander et al.	11
	AH	US-4,523,330	06/11/1985	Cain	12
	AI	US-4,555,617	11/26/1985	Brooks et al.	13
	AJ	US-4,578,530	03/25/1986	Zeidler	14
4,602,990	AK	US-4,602,936	07/29/1986	Green et al.	15 Boxall et al.
	AL	US-4,652,990	03/24/1987	Pailen et al.	121
	AM	US-4,675,815	06/23/1987	Kuroki et al.	128
Change(s) applied	AN	US-4,680,803	07/14/1987	Dilella	16
to document	AO	US-4,694,147	09/15/1987	Amemiya et al.	17
/E.M.S./	AP	US-4,723,283	02/02/1988	Nagasawa et al.	96
6/29/2011	AQ	US-4,745,267	05/17/1988	Davis et al.	90
	AR	US-4,747,058	05/24/1988	Ho	18
	AS	US-4,748,557	05/31/1988	Tamada et al.	85
	AT	US-4,750,201	07/07/1988	Hodgson et al.	19
	AU	US-4,755,940	07/05/1988	Brachtl et al.	95
	AV	US-4,757,543	07/12/1988	Tamada et al.	78
	AW	US-4,771,460	09/13/1988	Tamada et al.	77
	AX	US-4,843,220	06/27/1989	Haun	20
	AY	US-4,858,121	08/15/1989	Barber et al.	58
	AZ	US-4,882,779	11/21/1989	Rahtgen	101
	BA	US-4,888,812	12/19/1989	Dinan et al.	21
	BB	US-4,910,774	03/20/1990	Barakat	114
	BC	US-4,926,325	05/15/1990	Benton et al.	22
	BD	US-4,960,981	10/02/1990	Benton et al.	23
	BE	US-4,961,142	10/02/1990	Elliott et al.	122

Examiner Signature

/Richard Weisberger/

Date Considered

07/13/2009

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /R.W./